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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  |   |   | ATTORNEY'S DOCKET NUMBER 1600-14600 DAR         |  |  |  |  |
|---|---|---|---|--|--|--|--|
| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371   |   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) |  |  |  |  |
|   | TONAL APPLICATION NO.<br>004/002417   | INTERNATIONAL FILING DATE 9 March 2004          | PRIORITY DATE CLAIMED                           |  |  |  |  |
|   | TITLE OF INVENTION SEPARATION DEVICE  |   |   |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Klaus BIESTER   |   |   |   |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |   |   |  |  |  |  |
| 1. 🔽 7  | This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.   |   |   |  |  |  |  |
| 2. T  | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.   |   |   |  |  |  |  |
|   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |   |  |  |  |  |
| 4.  | The US has been elected (Article 31).   |   |   |  |  |  |  |
| 5.  | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |   |  |  |  |  |
|   | a. is attached hereto (required   | only if not communicated by the Internation     | nal Bureau).                                    |  |  |  |  |
|   | b. has been communicated by the International Bureau.   |   |   |  |  |  |  |
|   | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |   |  |  |  |  |
| 6.  | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |   |  |  |  |  |
|   | a. is attached hereto.  |   |   |  |  |  |  |
|   | b. has been previously submitted under 35 U.S.C. 154(d)(4).   |   |   |  |  |  |  |
| 7.  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |   |  |  |  |  |
|   | a. In are attached hereto (required only if not communicated by the International Bureau).  |   |   |  |  |  |  |
|   | b. have been communicated by the International Bureau.  |   |   |  |  |  |  |
|   | c. have not been made; however, the time limit for making such amendments has NOT expired.  |   |   |  |  |  |  |
|   | d. have not been made and will not be made.   |   |   |  |  |  |  |
| 8.  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |   |  |  |  |  |
| 9.  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |   |  |  |  |  |
| 10.   | An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).  | e annexes of the International Preliminary E    | Examination Report under PCT                    |  |  |  |  |
| Items   | 11 to 20 below concern document(s   | e) or information included:                     |   |  |  |  |  |
| 11.   | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |   |   |  |  |  |  |
| 12.   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |   |   |  |  |  |  |
| 13.   | A preliminary amendment.  |   |   |  |  |  |  |
| 14.   | An Application Data Sheet under 37 CFR 1.76.  |   |   |  |  |  |  |
| 15.   | A substitute specification.   |   |   |  |  |  |  |
| 16.   | A power of attorney and/or change of address letter.  |   |   |  |  |  |  |
| 17.   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.   |   |   |  |  |  |  |
| 18.   | A second copy of the published Intern   | national Application under 35 U.S.C. 154(d)     | (4).  |  |  |  |  |
| 19.   | A second copy of the English language   | ge translation of the international application | n under 35 U.S.C. 154(d)(4).                    |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

PTO-1390 (Rev. 07-2005)
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| PCT/EP2004/002417   |  |  | 9 March 2004 |                | 1600-14600 DAR         |              |  |
|---|--|--|--------------|----------------|------------------------|--------------|--|
| 20. Other items or information: International Search Report and Written Opinion dated November 16, 2004   |  |  |              |                |                        |              |  |
| The following   | ng fees have b   | een submitted  |              |                | CALCULATIONS           | PTO USE ONLY |  |
| 21. 🗹 Basic na  | tional fee (37   | \$ 300.00  |              |                |                        |              |  |
| 22. 🔽 Examina   | tion fee (37 Cl  |  |              |                |                        |              |  |
| If the written opinion<br>by IPEA/US<br>All other situations  | ndicates all cl  | \$ 200.00  |              |                |                        |              |  |
| If the written opinion<br>IPEA/US ind<br>Search fee (37 CFR<br>International<br>International Search  | cates all claim<br>1.445(a)(2)) ha<br>Searching Au<br>Report prepar<br>mmunicated to | \$ 400.00  |              |                |                        |              |  |
| TO  | ΓAL OF 21, 22  | 2 and 23 =   |              |                | 900.00                 |              |  |
| Additional fee fo<br>sequence lis<br>electronic me  |  |  |              |                |                        |              |  |
| Total Sheets Ex   | tra Sheets   | Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number) |              | RATE           |                        |              |  |
| - 100 =   | /50 =  |  |              | x \$250        | \$                     | •            |  |
| Surcharge of \$130.0 after the date of com  |  | \$   |              |                |                        |              |  |
| CLAIMS  | NUMB   | ER FILED   | NUMBER EXTRA | RATE           | \$                     |              |  |
| Total claims  | 35   | - 20 =   | 15           | × \$ <b>50</b> | \$ 750.00              |              |  |
| Independent claims  | 2  | - 3 =  | 0            | x \$200        | \$ 00.00               |              |  |
| MULTIPLE DEPEND   | ENT CLAIM(S  | s) (if applicable)   |              | + \$360        | \$ 00.00               |              |  |
|   |  | CALCULATIONS =   | \$ 1,650.00  |                |                        |              |  |
| Applicant claims  | small entity st  |  |              |                |                        |              |  |
| SUBTOTAL =  |  |  |              |                | \$                     |              |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).                               |  |  |              |                | \$                     |              |  |
|   |  | \$ 1,650.00  |              |                |                        |              |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property + |  |  |              |                | \$                     |              |  |
| TOTAL FEES ENCLOSED =   |  |  |              |                | \$ 1,650.00            |              |  |
|   |  |  |              |                | Amount to be refunded: | \$           |  |
|   |  | Amount to be charged   | \$ 1,650.00  |                |                        |              |  |

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| a. D. C. C.  | A check in the amount of \$ to cover the above Please charge my Deposit Account No. $03-0335$ in the amount of \$ A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which Account No. $03-0335$ . A duplicate copy of this sheet is enclosed. | ,650.00 to cover the above fees.                          |  |  |  |  |
|--|---|---|--|--|--|--|
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |   |   |  |  |  |  |
| SEND ALL CORRESPONDENCE TO:  DAVID A. ROSE  CONLEY ROSE, P. C. P. O. Box 3267  Houston, TX 77253-3267  |   | SIGNATURE DAVID A. ROSE  NAME 26,223  REGISTRATION NUMBER |  |  |  |  |